IN THE CLAIMS

Please add new claim 21 and amend claims 1-20 as follows. Claims 1-21 are currently pending in the application. A clean copy of the amended and new claims is included below. A marked up copy of the entire set of claims is included in Appendix A.

Please amend the claims as follows.

1. (Amended Once) A gateway arrangement for receiving traffic comprising a first type of traffic and a second type of traffic, the gateway arrangement comprising a first gateway and a second gateway, the first gateway being arranged to separate the first and second types traffic, the first type of traffic being output to the second gateway, the second gateway being arranged to extract information from the first type of traffic and output the information to the first gateway, and the first gateway having an output interface which is arranged to transmit the second type of traffic dependent upon the extracted information.

2. (Amended Once) The arrangement according to claim 1, wherein the first and second gateways are connected to a connector and the first type of traffic is sent between the first and second gateways via the connector.

3. (Amended Once) The arrangement according to claim 2, wherein the connector is provided by a local area network.

4. (Amended Once) The arrangement according to claim 1, wherein the first and second gateways are connected directly to each other.

5. (Amended Once) The arrangement according to claim 1 wherein the first gateway is arranged to be connected to a mobile telecommunications network.

6. (Amended Once) The arrangement according to claim 5, wherein the first gateway has a second interface for connecting to the mobile telecommunications network.

7. (Amended Once) The arrangement according to claim 1, wherein the first gateway is arranged to be connected to a wired telecommunications network.

02 8. (Amended Once) The arrangement according to claim 1, wherein the output interface is also an input interface which is arranged to receive first and second types of traffic signals.

9. (Amended Once) The arrangement according to claim 1, wherein the first type of traffic is signalling traffic.

10. (Amended Once) The arrangement according to claim 1, wherein the second type of traffic is payload traffic.

11. (Amended Once) The arrangement according to claim 1, wherein the first and second gateways are connected via a wired connection.

12. (Amended Once) The arrangement according to claim 1, wherein the first and second gateways are connected via a wireless connection.

13. (Amended Once) The arrangement according to claim 1, wherein a plurality of first gateways are provided for the second gateway.

14. (Amended Once) The arrangement according to claim 13, wherein eight of the first gateways are provided for the second gateway.

15. (Amended Once) The arrangement according to claim 1, wherein the first gateway is arranged to alter the coding of the second type of traffic.

16. (Amended Once) The arrangement according to claim 1, wherein the second gateway is arranged to alter the protocol of the first type of traffic.

17. (Amended Once) The arrangement according to claim 1, wherein the output interface is in accordance with ETSI E1 standard.

18. (Amended Once) The arrangement according to claim 1, wherein the gateway arrangement is provided between a GSM environment and an IP environment.

19. (Amended Once) The arrangement according to claim 1, wherein the extracted information is at least one of time slot and address information.

20. (Amended Once) A gateway arranged to receive first and second types of traffic, the gateway comprising:

02 means for separating the first and second types of traffic;

means for outputting the first type of traffic to a second gateway for processing by the second gateway;

means for receiving a processed first type of traffic from the second gateway, whereby the second type of traffic is transmitted by the means for outputting dependent upon the processed first type of traffic received from the second gateway.

03 21. (New) The arrangement according to claim 1, wherein the gateway arrangement further comprises a plurality of second gateways.